



What is an ATD?

Tom Ready
SC 21 Program Office

POC's:

Larry Triola, PEO SC/AP-T1, (703)418-8216, triola_larry@hq.navsea.navy.mil

Ed Newman, PEO(TAD)- D2B2, (703)602-1986 Ext.207, newman_edwin@hq.navsea.navy.mil



ATD Program Background



- Program established in FY87
- Accelerates transition of high payoff technology
 - “High risk/high payoff”
- Requirements driven process
- “Flagship DoN S&T program”
- Strong Fleet involvement
- Funding stabilized at \$70-80M per year
- Highly competitive:
 - FY99 - >120 proposals submitted to ONR
 - 6 selected for funding
- 55 ATDs funded to date
- 17 more planned in FY98/99 budget permitting



Characteristics of Currently Funded or Planned DoN ATDs



- Well defined goal and demonstration
- Clearly address DoN requirement
 - Warfighting capability
 - Warfighting support
 - LCC avoidance
- Have a clear, quantifiable payoff
- 3 years in duration
- <\$15M in funding
 - But rarely less than \$12M
- Very strong transition plan
- Very strong OPNAV/Fleet support
- Satisfy ONR's technical criteria
 - Technical merit, feasibility and risk

ATDs are Not

- Low risk or low payoff
- Technology not responsive to DoN requirements
- Technology without transition
- Identification of possible solutions to a problem
- Engineering or manufacturing development
- Not preplanned product improvements (P³I)
 - But may be transitioned as part of one
- “Buy in” for major acquisition programs
- Manufacturing technology (ManTech)
- “Process” improvement
- Technology hunt



PEO (SC/AP) & PEO(TAD) Evaluation Criteria



- **Responsiveness to PEO(TAD)/ PEO SC/AP needs**
- **Potential for program sponsor support**
- **Potential for transition**
- **Potential payoff**
 - **Step improvement in performance, affordability, maintainability, reliability, manpower utilization, etc.**
- **High technical merit and risk**
- **Technical feasibility (include maturity of technology)**
- **Completion in 3 years or less**
- **Funding of less than \$15M**



Technical Evaluation Criteria



- **Technical Merit**
 - Proposal clarity
 - Advances state-of-the-art
- **Technical Feasibility**
 - current tech base program is mature enough to support proof of concept demo
 - DoD 6.2, IRaD, SBIR
- **Technical Risk**
 - Degree of risk in meeting technical goals
 - High but achievable